TRANSLATION PATENT COOPERATION TREATY POT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference							
JJVC-146-PCT	FOR FURTHER ACTION	See Form PCT/IPEA/416					
International application No.	International filing date (day/month/year)	Priority date (day/month/year)					
PCT/JP2005/001211	28.01.2005	30.01.2004					
International Patent Classification (IPC) or nat	ional classification and IPC						
G06F7/58(2006.01), H03K3/84 (2006.01)							
Applicant VICTOR COMPANY OF JA	PAN, LIMITED						
1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority							
under Article 35 and transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of sheets, including this cover sheet.							
2. This REPORT consists of a total of sheets, including this cover sheet. 3. This report is also accompanied by ANNEXES, comprising:							
		shorts as fallows:					
	d to the International Bureau) a total of 7	sheets, as follows:					
sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
the disclosure in the	sede earlier sheets, but which this Authority ne international application as filed, as indic	considers contain an amendment that goes beyond cated in item 4 of Box No. I and the Supplemental					
Box.							
b (sent to the International	Bureau only) a total of (indicate type and m	umber of electronic carrier(s))					
		. containing a sequence listing and/or tables					
related thereto, in compute Section 802 of the Admini		upplemental Box Relating to Sequence Listing (see					
This report contains indications rela							
Box No. II Priority		the description of the believe					
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability							
	l <u>=</u>						
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability. citations and explanations supporting such statement							
Box No. VI Certain documents cited							
Box No. VII Certain de	Box No. VII Certain defects in the international application						
Box No. VIII Certain observations on the international application							
Date of submission of the demand	Date of completion	of this report					
Name and mailing address of the IPEA/JP	Authorized officer	Authorized officer					
Facsimile No.	Telephone No.	Telephone No.					

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/JP2005/001211

Box	No. I	Basis of the report				
1.		rd to the language, this report is based on the internation under this item.	al application in the language in v	which it was filed, unless otherwise		
	This report is based on translations from the original language into the following which is the language of a translation furnished for the purposes of:					
		international search (Rule 12.3 and 23.1(b))				
		publication of the international application (Rule 12.4)				
		international preliminary examination (Rule 55.2 and/o	or 55.3)			
2.	receiving this repor	and to the elements of the international application, this in Office in response to an invitation under Article 14 are 1): international application as originally filed/furnished description:	report is based on (replacement s referred to in this report as "o	heets which have been furnished to the riginally filed" and are not annexed to		
	pag	es 1,6-14	·	as originally filed/furnished		
	pag	es* 2-5	received by this Authority on	30.11.2005		
	pag	es*	received by this Authority on	<u></u>		
	the	claims:				
	nos			as originally filed/furnished		
	nos	.*	as amended (togethe	r with any statement) under Article 19		
	nos			30.11.2005		
	nos					
	\square	drawings:				
		tets Fig. 1-9		as originally filed/furnished		
		ects*				
		cets*				
		equence listing and/or any related table(s) – see Supplem		isting		
			entil Dox Relating to bequence i	<u>.</u>		
3.	Th	e amendments have resulted in the cancellation of:				
	<u> </u>	the description. pages				
	<u> </u>	the claims, nos.				
	the drawings, sheets/figs			•		
	<u>_</u>	¬				
1	L_					
4.	The the	nis report has been established as if (some of) the amend ey have been considered to go beyond the disclosure as fi	dments annexed to this report an iled, as indicated in the Suppleme	d listed below had not been made, since ental Box (Rule 70.2(c)).		
	the description, pages					
	the claims, nos.					
	the drawings, sheets/figs					
		the sequence listing (specify):				
	any table(s) related to sequence listing (specify):					
*	If item 4	applies, some or all of those sheets may be marked "sup	perseded."			

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2005/001211

Box	Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement				
1.	Statement				
	Novelty (N) Claims 1-4	YES			
	Claims	NO			
	Inventive step (IS) Claims	YES			
	Claims 1-4	-			
	Industrial applicability (IA) Claims $1-4$				
	Claims				
_					
2.	Citations and explanations (Rule 70.7)				
	Document 1: JP 9-179726 A (NEC Corporation), 11 July				
	1997, entire text; all drawings & EP 782069				
	A1				
	Document 2: JP 11-234096 A (Fujitsu Limited), 27 August				
	1999, entire text; all drawings & EP 938192				
	A2 & US 6275520 B1				
	Document 3: JP 61-141231 A (Sony Corporation), 28 June				
	1986, entire text; all drawings (Family:				
	none)				
	Document 4: JP 2001-274787 A (Victor Company of Japan,				
	Ltd.), 5 October 2001, entire text; all				
	drawings (Family: none)				
	Document 5: JP 2001-274786 A (Victor Company of Japan,				
	Ltd.), 5 October 2001, entire text; all				
	drawings & EP 1119131 A2 & US 6975730 B1				
	Document 6: JP 2-43594 A (Matsushita Electric Industrial				
	Co., Ltd.), 14 February 1990, entire text;				
	all drawings (Family: none)				
	Claims 1 to 4				
	The inventions set forth in claims 1 to 4 do not				
	involve an inventive step in the light of documents 1 to				
	3 cited in the international search report and newly				

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

cited documents 4 to 6.

Document 3 indicates that a characteristic polynomial is specified by a predetermined identification symbol, documents 4 and 5 indicate that communication of initial data is carried out, and document 6 indicates that a characteristic polynomial of each LFSR having output subjected to a logic operation comprises a primitive polynomial which is a type of characteristic polynomial, and it would be easy for a person skilled in the art to employ said mechanism to a known random number generator such as that set forth in document 1 or 2.